

Projections for Occupations, Tennessee, 2008-2018

Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
000000	Total, All Occupations	3,057,700	3,230,660	23,990	70,510	94,500	0.6%
110000	Management Occupations	193,290	198,810	910	4,490	5,410	0.3%
111000	Top Executives	59,320	56,720	10	1,710	1,710	-0.4%
111011	Chief Executives	14,300	13,480	0	400	400	-0.6%
111021	General and Operations Managers	41,980	40,120	0	1,220	1,220	-0.5%
111031	Legislators	3,040	3,130	10	90	100	0.3%
112000	Advertising, Marketing, Promotions, Public Relations, and Sa	13,340	14,570	120	290	420	0.9%
112011	Advertising and Promotions Managers	1,110	1,100	0	30	30	-0.1%
112021	Marketing Managers	3,600	3,790	20	80	100	0.5%
112022	Sales Managers	7,640	8,490	90	170	250	1.1%
112031	Public Relations Managers	990	1,180	20	20	40	1.8%
113000	Operations Specialties Managers	39,740	41,050	200	850	1,060	0.3%
113011	Administrative Services Managers	7,220	7,960	70	150	230	1.0%
113021	Computer and Information Systems Managers	5,070	5,640	60	80	140	1.1%
113031	Financial Managers	14,140	14,470	30	250	290	0.2%
113041	Compensation and Benefits Managers	3,170	3,410	20	70	90	0.7%
113042	Training and Development Managers	840	940	10	20	30	1.1%
113049	Human Resources Managers, All Other	890	950	10	20	30	0.7%
113051	Industrial Production Managers	3,430	2,990	0	120	120	-1.4%
113061	Purchasing Managers	1,790	1,660	0	50	50	-0.8%
113071	Transportation, Storage, and Distribution Managers	3,200	3,040	0	90	90	-0.5%
119000	Other Management Occupations	80,890	86,470	580	1,640	2,220	0.7%
119011	Farm, Ranch, and Other Agricultural Managers	6,600	8,480	190	130	320	2.5%
119012	Farmers and Ranchers	NA	NA	NA	NA	NA	NA
119021	Construction Managers	11,730	11,860	10	90	100	0.1%
119031	Education Administrators, Preschool and Child Care Center/Pr	1,160	1,330	20	40	50	1.4%
119032	Education Administrators, Elementary and Secondary School	4,710	5,270	60	140	200	1.1%
119033	Education Administrators, Postsecondary	1,650	1,690	0	50	50	0.2%
119039	Education Administrators, All Other	790	810	0	20	30	0.3%
119041	Engineering Managers	3,180	3,050	0	70	70	-0.4%
119051	Food Service Managers	12,380	13,030	70	240	310	0.5%
119061	Funeral Directors	1,200	1,290	10	20	30	0.7%
119081	Lodging Managers	1,680	1,860	20	40	50	1.0%
119111	Medical and Health Services Managers	7,180	8,220	100	140	240	1.4%
119121	Natural Sciences Managers	NA	NA	NA	NA	NA	NA

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119131	Postmasters and Mail Superintendents	490	430	0	10	10	-1.3%
119141	Property, Real Estate, and Community Association Managers	7,150	7,350	20	120	140	0.3%
119151	Social and Community Service Managers	3,080	3,570	50	70	120	1.5%
119199	Managers, All Other	17,630	17,930	30	460	490	0.2%
130000	Business and Financial Operations Occupations	102,980	114,100	1,150	2,090	3,230	1.0%
131000	Business Operations Specialists	62,350	66,960	470	1,380	1,850	0.7%
131011	Agents and Business Managers of Artists, Performers, and Ath	3,620	4,170	50	80	140	1.4%
131021	Purchasing Agents and Buyers, Farm Products	160	150	0	0	0	-0.6%
131022	Wholesale and Retail Buyers, Except Farm Products	1,990	1,920	0	50	50	-0.4%
131023	Purchasing Agents, Except Wholesale, Retail, and Farm Produc	4,410	4,700	30	120	150	0.6%
131031	Claims Adjusters, Examiners, and Investigators	5,640	5,630	0	140	140	0.0%
131032	Insurance Appraisers, Auto Damage	200	200	0	10	10	0.0%
131041	Compliance Officers, Except Agriculture, Construction, Healt	4,300	4,940	70	50	110	1.4%
131051	Cost Estimators	3,400	3,640	20	80	100	0.7%
131061	Emergency Management Specialists	360	420	10	10	10	1.6%
131071	Employment, Recruitment, and Placement Specialists	3,080	3,890	80	80	160	2.4%
131072	Compensation, Benefits, and Job Analysis Specialists	1,430	1,710	30	40	70	1.8%
131073	Training and Development Specialists	3,860	4,500	70	100	170	1.5%
131079	Human Resources, Training, and Labor Relations Specialists,	2,150	2,360	20	60	80	0.9%
131081	Logisticians	1,450	1,670	20	30	50	1.4%
131111	Management Analysts	7,200	7,670	50	120	170	0.6%
131121	Meeting and Convention Planners	500	570	10	10	20	1.3%
131199	Business Operations Specialists, All Other	18,620	18,830	20	410	440	0.1%
132000	Financial Specialists	40,630	47,140	670	710	1,380	1.5%
132011	Accountants and Auditors	17,900	21,890	400	300	700	2.0%
132021	Appraisers and Assessors of Real Estate	940	970	0	20	20	0.3%
132031	Budget Analysts	760	830	10	10	20	0.9%
132041	Credit Analysts	1,420	1,650	20	30	50	1.5%
132051	Financial Analysts	2,040	2,470	40	40	80	1.9%
132052	Personal Financial Advisors	1,700	2,220	50	20	70	2.7%
132053	Insurance Underwriters	1,130	1,060	0	30	30	-0.6%

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132061	Financial Examiners	790	1,080	30	10	40	3.2%
132071	Loan Counselors	250	300	10	0	10	1.8%
132072	Loan Officers	6,070	6,760	70	70	140	1.1%
132081	Tax Examiners, Collectors, and Revenue Agents	2,300	2,150	0	80	80	-0.7%
132082	Tax Preparers	2,600	2,940	40	40	80	1.2%
132099	Financial Specialists, All Other	2,750	2,850	10	50	60	0.4%
150000	Computer and Mathematical Occupations	41,220	46,710	610	810	1,410	1.3%
151000	Computer Specialists	39,830	45,190	590	770	1,360	1.3%
151011	Computer and Information Scientists, Research	240	230	0	10	10	-0.4%
151021	Computer Programmers	6,650	6,110	0	130	130	-0.8%
151031	Computer Software Engineers, Applications	3,530	4,550	100	30	130	2.6%
151032	Computer Software Engineers, Systems Software	2,670	3,280	60	20	80	2.1%
151041	Computer Support Specialists	8,530	9,140	60	240	300	0.7%
151051	Computer Systems Analysts	5,900	6,670	80	130	200	1.2%
151061	Database Administrators	1,500	1,750	30	30	50	1.6%
151071	Network and Computer Systems Administrators	5,610	6,730	110	90	210	1.8%
151081	Network Systems and Data Communications Analysts	3,010	4,500	150	50	200	4.1%
151099	Computer Specialists, All Other	2,190	2,240	10	50	50	0.2%
152000	Mathematical Scientists	1,390	1,520	10	40	50	0.9%
152011	Actuaries	140	180	0	0	10	2.5%
152021	Mathematicians	40	40	0	0	0	0.0%
152031	Operations Research Analysts	790	860	10	20	30	0.9%
152041	Statisticians	410	440	0	10	20	0.7%
152091	Mathematical Technicians	10	10	0	0	0	0.0%
170000	Architecture and Engineering Occupations	37,140	36,460	130	810	930	-0.2%
171000	Architects, Surveyors, and Cartographers	2,980	2,910	0	60	60	-0.2%
171011	Architects, Except Landscape and Naval	1,420	1,380	0	20	20	-0.3%
171012	Landscape Architects	190	190	0	0	0	0.0%
171021	Cartographers and Photogrammetrists	90	100	0	0	0	1.1%
171022	Surveyors	1,280	1,250	0	30	30	-0.2%
172000	Engineers	22,370	22,380	110	510	620	0.0%
172011	Aerospace Engineers	620	620	0	10	10	0.0%
172021	Agricultural Engineers	200	210	0	0	10	0.5%
172031	Biomedical Engineers	250	410	20	10	20	5.1%
172041	Chemical Engineers	840	680	0	20	20	-2.1%

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172051	Civil Engineers	2,580	2,740	20	40	60	0.6%
172061	Computer Hardware Engineers	470	580	10	10	20	2.1%
172071	Electrical Engineers	2,070	1,870	0	50	50	-1.0%
172072	Electronics Engineers, Except Computer	1,200	1,420	20	30	50	1.7%
172081	Environmental Engineers	1,270	1,520	30	30	50	1.8%
172111	Health and Safety Engineers, Except Mining Safety Engineers	390	430	0	10	10	1.0%
172112	Industrial Engineers	5,030	5,160	10	130	140	0.3%
172131	Materials Engineers	210	200	0	10	10	-0.5%
172141	Mechanical Engineers	4,000	3,590	0	100	100	-1.1%
172151	Mining and Geological Engineers, Including Mining Safety Eng	40	20	0	0	0	-6.7%
172161	Nuclear Engineers	260	230	0	10	10	-1.2%
172171	Petroleum Engineers	20	40	0	0	0	7.2%
172199	Engineers, All Other	2,960	2,670	0	60	60	-1.0%
173000	Drafters, Engineering, and Mapping Technicians	11,790	11,170	10	230	250	-0.5%
173011	Architectural and Civil Drafters	1,750	1,600	0	40	40	-0.9%
173012	Electrical and Electronics Drafters	730	610	0	20	20	-1.8%
173013	Mechanical Drafters	1,280	1,160	0	30	30	-1.0%
173019	Drafters, All Other	640	580	0	10	10	-1.0%
173021	Aerospace Engineering and Operations Technicians	100	80	0	0	0	-2.2%
173022	Civil Engineering Technicians	1,100	1,160	10	20	30	0.5%
173023	Electrical and Electronic Engineering Technicians	2,080	1,950	0	40	40	-0.6%
173024	Electro-Mechanical Technicians	120	100	0	0	0	-1.8%
173025	Environmental Engineering Technicians	700	740	10	10	20	0.6%
173026	Industrial Engineering Technicians	1,080	1,040	0	20	20	-0.4%
173027	Mechanical Engineering Technicians	710	620	0	10	10	-1.3%
173029	Engineering Technicians, Except Drafters, All Other	400	390	0	10	10	-0.3%
173031	Surveying and Mapping Technicians	1,110	1,150	0	20	20	0.4%
190000	Life, Physical, and Social Science Occupations	16,980	18,510	190	510	700	0.9%
191000	Life Scientists	2,410	2,820	40	50	100	1.6%
191011	Animal Scientists	10	10	0	0	0	0.0%
191012	Food Scientists and Technologists	150	190	0	10	10	2.4%
191013	Soil and Plant Scientists	50	50	0	0	0	0.0%
191021	Biochemists and Biophysicists	90	100	0	0	10	1.1%
191022	Microbiologists	180	190	0	10	10	0.5%
191023	Zoologists and Wildlife Biologists	140	150	0	10	10	0.7%
191029	Biological Scientists, All Other	80	90	0	0	0	1.2%
191031	Conservation Scientists	200	180	0	0	0	-1.0%

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191032	Foresters	250	280	0	0	10	1.1%
191041	Epidemiologists	120	130	0	0	0	0.8%
191042	Medical Scientists, Except Epidemiologists	830	1,150	30	20	50	3.3%
191099	Life Scientists, All Other	320	310	0	10	10	-0.3%
192000	Physical Scientists	3,990	4,100	30	120	150	0.3%
192011	Astronomers	10	20	0	0	0	7.2%
192012	Physicists	330	330	0	10	10	0.0%
192021	Atmospheric and Space Scientists	130	120	0	0	0	-0.8%
192031	Chemists	1,220	1,110	0	40	40	-0.9%
192032	Materials Scientists	210	180	0	10	10	-1.5%
192041	Environmental Scientists and Specialists, Including Health	1,460	1,670	20	40	60	1.4%
192042	Geoscientists, Except Hydrologists and Geographers	250	260	0	10	10	0.4%
192043	Hydrologists	60	50	0	0	0	-1.8%
192099	Physical Scientists, All Other	330	370	0	10	10	1.2%
193000	Social Scientists and Related Workers	6,290	7,060	80	190	260	1.2%
193011	Economists	110	100	0	0	0	-0.9%
193021	Market Research Analysts	2,160	2,540	40	60	100	1.6%
193022	Survey Researchers	160	220	10	0	10	3.2%
193031	Clinical, Counseling, and School Psychologists	2,720	2,940	20	80	100	0.8%
193032	Industrial-Organizational Psychologists	20	20	0	0	0	0.0%
193039	Psychologists, All Other	70	70	0	0	0	0.0%
193041	Sociologists	0	0	0	0	0	NA
193051	Urban and Regional Planners	410	470	10	10	10	1.4%
193091	Anthropologists and Archeologists	80	90	0	0	10	1.2%
193092	Geographers	10	10	0	0	0	0.0%
193093	Historians	40	50	0	0	0	2.3%
193094	Political Scientists	40	50	0	0	0	2.3%
193099	Social Scientists and Related Workers, All Other	480	500	0	20	30	0.4%
194000	Life, Physical, and Social Science Technicians	4,280	4,540	40	150	190	0.6%
194011	Agricultural and Food Science Technicians	130	160	0	10	10	2.1%
194021	Biological Technicians	910	1,070	20	30	50	1.6%
194031	Chemical Technicians	1,140	970	0	20	20	-1.6%
194041	Geological and Petroleum Technicians	60	70	0	0	0	1.6%
194051	Nuclear Technicians	90	90	0	0	0	0.0%
194061	Social Science Research Assistants	170	190	0	10	10	1.1%

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194091	Environmental Science and Protection Technicians, Including	760	910	20	30	50	1.8%
194092	Forensic Science Technicians	200	230	0	10	10	1.4%
194093	Forest and Conservation Technicians	420	430	0	20	20	0.2%
194099	Life, Physical, and Social Science Technicians, All Other	410	440	0	20	20	0.7%
210000	Community and Social Services Occupations	59,330	73,270	1,390	1,260	2,660	2.1%
211000	Counselors, Social Workers, and Other Community and Social S	40,890	49,000	810	900	1,710	1.8%
211011	Substance Abuse and Behavioral Disorder Counselors	1,460	1,900	40	30	70	2.7%
211012	Educational, Vocational, and School Counselors	5,040	5,740	70	100	170	1.3%
211013	Marriage and Family Therapists	700	860	20	10	30	2.1%
211014	Mental Health Counselors	2,500	3,100	60	50	110	2.2%
211015	Rehabilitation Counselors	10,120	12,910	280	210	480	2.5%
211019	Counselors, All Other	930	1,070	10	20	30	1.4%
211021	Child, Family, and School Social Workers	6,680	7,340	70	170	240	0.9%
211022	Medical and Public Health Social Workers	2,570	3,210	60	70	130	2.2%
211023	Mental Health and Substance Abuse Social Workers	2,670	3,190	50	70	120	1.8%
211029	Social Workers, All Other	380	460	10	10	20	1.9%
211091	Health Educators	1,590	1,850	30	30	60	1.5%
211092	Probation Officers and Correctional Treatment Specialists	2,210	2,620	40	50	90	1.7%
211093	Social and Human Service Assistants	2,990	3,540	60	60	120	1.7%
211099	Community and Social Service Specialists, All Other	1,060	1,230	20	20	40	1.5%
212000	Religious Workers	18,440	24,270	580	370	950	2.8%
212011	Clergy	12,310	16,200	390	240	630	2.8%
212021	Directors, Religious Activities and Education	6,130	8,070	200	120	320	2.8%
230000	Legal Occupations	14,840	16,180	140	240	380	0.9%
231000	Lawyers, Judges, and Related Workers	9,340	9,790	50	170	220	0.5%
231011	Lawyers	8,720	9,160	40	160	210	0.5%
231021	Administrative Law Judges, Adjudicators, and Hearing Officer	320	320	0	10	10	0.0%
231022	Arbitrators, Mediators, and Conciliators	70	80	0	0	0	1.3%
231023	Judges, Magistrate Judges, and Magistrates	230	220	0	0	0	-0.4%
232000	Legal Support Workers	5,500	6,390	90	70	160	1.5%
232011	Paralegals and Legal Assistants	4,110	4,970	90	50	130	1.9%

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232091	Court Reporters	10	10	0	0	0	0.0%
232092	Law Clerks	360	400	0	10	10	1.1%
232093	Title Examiners, Abstractors, and Searchers	910	890	0	10	10	-0.2%
232099	Legal Support Workers, All Other	100	120	0	0	0	1.8%
250000	Education, Training, and Library Occupations	155,900	181,790	2,600	3,490	6,090	1.5%
251000	Postsecondary Teachers	22,860	26,450	370	400	760	1.5%
251011	Business Teachers, Postsecondary	1,320	1,520	20	20	40	1.4%
251021	Computer Science Teachers, Postsecondary	700	780	10	10	20	1.1%
251022	Mathematical Science Teachers, Postsecondary	850	970	10	20	30	1.3%
251031	Architecture Teachers, Postsecondary	60	70	0	0	0	1.6%
251032	Engineering Teachers, Postsecondary	590	700	10	10	20	1.7%
251041	Agricultural Sciences Teachers, Postsecondary	40	50	0	0	0	2.3%
251042	Biological Science Teachers, Postsecondary	790	920	10	10	30	1.5%
251043	Forestry and Conservation Science Teachers, Postsecondary	10	10	0	0	0	0.0%
251051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	70	80	0	0	0	1.3%
251052	Chemistry Teachers, Postsecondary	380	450	10	10	10	1.7%
251053	Environmental Science Teachers, Postsecondary	60	70	0	0	0	1.6%
251054	Physics Teachers, Postsecondary	230	270	0	0	10	1.6%
251061	Anthropology and Archeology Teachers, Postsecondary	50	60	0	0	0	1.8%
251062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	40	50	0	0	0	2.3%
251063	Economics Teachers, Postsecondary	480	570	10	10	20	1.7%
251064	Geography Teachers, Postsecondary	60	60	0	0	0	0.0%
251065	Political Science Teachers, Postsecondary	200	240	0	0	10	1.8%
251066	Psychology Teachers, Postsecondary	560	660	10	10	20	1.7%
251067	Sociology Teachers, Postsecondary	300	350	10	10	10	1.6%
251069	Social Sciences Teachers, Postsecondary, All Other	10	10	0	0	0	0.0%
251071	Health Specialties Teachers, Postsecondary	1,820	2,240	40	30	70	2.1%
251072	Nursing Instructors and Teachers, Postsecondary	1,070	1,200	10	20	30	1.2%
251081	Education Teachers, Postsecondary	1,520	1,800	30	30	60	1.7%
251082	Library Science Teachers, Postsecondary	230	280	10	0	10	2.0%

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251111	Criminal Justice and Law Enforcement Teachers, Postsecondary	220	250	0	0	10	1.3%
251112	Law Teachers, Postsecondary	120	140	0	0	0	1.6%
251113	Social Work Teachers, Postsecondary	170	200	0	0	10	1.6%
251121	Art, Drama, and Music Teachers, Postsecondary	1,500	1,770	30	30	50	1.7%
251122	Communications Teachers, Postsecondary	620	790	20	10	30	2.5%
251123	English Language and Literature Teachers, Postsecondary	1,260	1,460	20	20	40	1.5%
251124	Foreign Language and Literature Teachers, Postsecondary	330	390	10	10	10	1.7%
251125	History Teachers, Postsecondary	480	560	10	10	20	1.6%
251126	Philosophy and Religion Teachers, Postsecondary	550	660	10	10	20	1.8%
251191	Graduate Teaching Assistants	1,620	1,930	30	30	60	1.8%
251192	Home Economics Teachers, Postsecondary	70	80	0	0	0	1.3%
251193	Recreation and Fitness Studies Teachers, Postsecondary	250	290	0	0	10	1.5%
251194	Vocational Education Teachers, Postsecondary	1,890	1,810	0	30	30	-0.4%
251199	Postsecondary Teachers, All Other	2,390	2,740	40	40	80	1.4%
252000	Primary, Secondary, and Special Education School Teachers	88,830	104,380	1,560	2,150	3,710	1.6%
252011	Preschool Teachers, Except Special Education	9,840	12,120	230	200	430	2.1%
252012	Kindergarten Teachers, Except Special Education	4,050	4,780	70	80	150	1.7%
252021	Elementary School Teachers, Except Special Education	33,140	39,390	630	750	1,380	1.7%
252022	Middle School Teachers, Except Special and Vocational Educat	10,680	12,620	190	240	440	1.7%
252023	Vocational Education Teachers, Middle School	160	160	0	0	10	0.0%
252031	Secondary School Teachers, Except Special and Vocational Edu	18,850	21,020	220	550	770	1.1%
252032	Vocational Education Teachers, Secondary School	2,990	3,310	30	90	120	1.0%
252041	Special Education Teachers, Preschool, Kindergarten, and Ele	4,590	5,640	110	120	220	2.1%
252042	Special Education Teachers, Middle School	1,480	1,790	30	40	70	1.9%
252043	Special Education Teachers, Secondary School	3,070	3,570	50	80	130	1.5%

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253000	Other Teachers and Instructors	8,450	10,320	190	130	320	2.0%
	Adult Literacy, Remedial Education, and						
253011	GED Teachers and Ins	1,270	1,390	10	20	30	0.9%
253021	Self-Enrichment Education Teachers	2,890	3,960	110	50	150	3.2%
253099	Teachers and Instructors, All Other	4,280	4,970	70	70	140	1.5%
254000	Librarians, Curators, and Archivists	4,940	5,470	50	160	210	1.0%
254011	Archivists	60	60	0	0	0	0.0%
254012	Curators	120	150	0	0	10	2.3%
254013	Museum Technicians and Conservators	70	90	0	0	0	2.5%
254021	Librarians	3,220	3,540	30	90	120	1.0%
254031	Library Technicians	1,470	1,630	20	70	80	1.0%
	Other Education, Training, and Library						
259000	Occupations	30,820	35,180	440	650	1,090	1.3%
259011	Audio-Visual Collections Specialists	40	40	0	0	0	0.0%
259021	Farm and Home Management Advisors	160	160	0	0	0	0.0%
259031	Instructional Coordinators	1,700	2,050	40	40	70	1.9%
259041	Teacher Assistants	28,360	32,260	390	600	990	1.3%
	Education, Training, and Library Workers,						
259099	All Other	570	670	10	10	20	1.6%
	Arts, Design, Entertainment, Sports, and						
270000	Media Occupations	49,970	54,550	550	1,230	1,780	0.9%
271000	Art and Design Workers	12,640	12,660	60	370	430	0.0%
271011	Art Directors	780	880	10	20	30	1.2%
271012	Craft Artists	550	400	0	10	10	-3.1%
	Fine Artists, Including Painters, Sculptors,						
271013	and Illustrator	150	130	0	0	0	-1.4%
271014	Multi-Media Artists and Animators	740	750	0	20	20	0.1%
271019	Artists and Related Workers, All Other	40	30	0	0	0	-2.8%
271021	Commercial and Industrial Designers	780	710	0	20	20	-0.9%
271022	Fashion Designers	460	500	10	10	20	0.8%
271023	Floral Designers	1,340	1,010	0	40	40	-2.8%
271024	Graphic Designers	4,630	4,970	30	140	180	0.7%
271025	Interior Designers	1,130	1,150	0	40	40	0.2%
	Merchandise Displayers and Window						
271026	Trimmers	1,790	1,910	10	60	70	0.7%
271027	Set and Exhibit Designers	40	50	0	0	0	2.3%
271029	Designers, All Other	200	170	0	10	10	-1.6%
	Entertainers and Performers, Sports and						
272000	Related Workers	19,420	22,350	300	430	720	1.4%
272011	Actors	280	330	10	10	10	1.7%
272012	Producers and Directors	980	1,040	10	30	40	0.6%
272021	Athletes and Sports Competitors	470	570	10	10	20	1.9%
272022	Coaches and Scouts	3,450	4,180	70	70	140	1.9%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
	Umpires, Referees, and Other Sports Officials	30	40	0	0	0	2.9%
272031	Dancers	180	180	0	10	10	0.0%
272032	Choreographers	240	210	0	10	10	-1.3%
272041	Music Directors and Composers	1,450	1,880	40	30	70	2.6%
272042	Musicians and Singers	7,870	8,640	80	160	240	0.9%
272099	Entertainers and Performers, Sports and Related Workers, All	4,470	5,280	80	110	190	1.7%
273000	Media and Communication Workers	12,000	13,190	150	290	440	1.0%
273011	Radio and Television Announcers	1,830	1,560	0	50	50	-1.6%
273012	Public Address System and Other Announcers	150	150	0	0	0	0.0%
273021	Broadcast News Analysts	110	100	0	0	0	-0.9%
273022	Reporters and Correspondents	1,360	1,530	20	40	50	1.2%
273031	Public Relations Specialists	2,530	3,070	50	60	110	2.0%
273041	Editors	1,450	1,700	20	40	60	1.6%
273042	Technical Writers	390	400	0	10	10	0.3%
273043	Writers and Authors	2,520	2,900	40	50	90	1.4%
273091	Interpreters and Translators	570	670	10	10	20	1.6%
273099	Media and Communication Workers, All Other	1,090	1,100	0	30	30	0.1%
274000	Media and Communication Equipment Workers	5,900	6,360	50	140	190	0.8%
274011	Audio and Video Equipment Technicians	730	810	10	20	30	1.0%
274012	Broadcast Technicians	840	840	0	30	30	0.0%
274013	Radio Operators	0	0	0	0	0	NA
274014	Sound Engineering Technicians	400	390	0	10	10	-0.3%
274021	Photographers	2,950	3,250	30	60	90	1.0%
274031	Camera Operators, Television, Video, and Motion Picture	430	450	0	10	10	0.5%
274032	Film and Video Editors	280	330	0	10	10	1.7%
274099	Media and Communication Equipment Workers, All Other	270	290	0	10	10	0.7%
290000	Healthcare Practitioners and Technical Occupations	175,330	203,200	2,800	3,690	6,490	1.5%
291000	Health Diagnosing and Treating Practitioners	99,190	115,280	1,610	1,800	3,410	1.5%
291011	Chiropractors	340	350	0	10	10	0.3%
291021	Dentists, General	1,530	1,640	10	40	50	0.7%
291022	Oral and Maxillofacial Surgeons	110	120	0	0	0	0.9%
291023	Orthodontists	70	80	0	0	0	1.3%
291024	Prosthodontists	10	10	0	0	0	0.0%
291029	Dentists, All Other Specialists	10	10	0	0	0	0.0%
291031	Dietitians and Nutritionists	1,360	1,440	10	50	50	0.6%
291041	Optometrists	360	390	0	10	20	0.8%

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Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
291051	Pharmacists	6,440	6,910	50	140	190	0.7%
291061	Anesthesiologists	1,250	1,540	30	20	50	2.1%
291062	Family and General Practitioners	960	1,140	20	20	40	1.7%
291063	Internists, General	730	890	20	10	30	2.0%
291064	Obstetricians and Gynecologists	290	350	10	10	10	1.9%
291065	Pediatricians, General	700	850	20	10	30	2.0%
291066	Psychiatrists	340	400	10	10	10	1.6%
291067	Surgeons	1,450	1,790	30	30	60	2.1%
291069	Physicians and Surgeons, All Other	6,400	7,440	100	110	220	1.5%
291071	Physician Assistants	1,370	1,880	50	30	80	3.2%
291081	Podiatrists	230	230	0	0	0	0.0%
291111	Registered Nurses	61,610	71,750	1,020	1,080	2,090	1.5%
291121	Audiologists	590	660	10	10	20	1.1%
291122	Occupational Therapists	1,430	1,680	30	30	50	1.6%
291123	Physical Therapists	4,140	5,150	100	50	150	2.2%
291124	Radiation Therapists	1,060	1,400	30	20	50	2.8%
291125	Recreational Therapists	330	340	0	10	10	0.3%
291126	Respiratory Therapists	2,250	2,460	20	40	60	0.9%
291127	Speech-Language Pathologists	1,840	2,090	30	30	60	1.3%
291129	Therapists, All Other	450	450	0	10	10	0.0%
291131	Veterinarians	1,050	1,330	30	20	50	2.4%
291199	Health Diagnosing and Treating Practitioners, All Other	510	540	0	10	10	0.6%
292000	Health Technologists and Technicians	73,090	84,500	1,160	1,780	2,940	1.5%
292011	Medical and Clinical Laboratory Technologists	3,400	3,410	0	70	70	0.0%
292012	Medical and Clinical Laboratory Technicians	5,920	6,800	90	110	200	1.4%
292021	Dental Hygienists	3,270	4,160	90	70	160	2.4%
292031	Cardiovascular Technologists and Technicians	740	810	10	10	20	0.9%
292032	Diagnostic Medical Sonographers	1,230	1,370	10	20	30	1.1%
292033	Nuclear Medicine Technologists	560	630	10	10	10	1.2%
292034	Radiologic Technologists and Technicians	5,600	5,950	40	80	120	0.6%
292041	Emergency Medical Technicians and Paramedics	6,000	6,630	60	120	190	1.0%
292051	Dietetic Technicians	450	500	10	10	20	1.1%
292052	Pharmacy Technicians	8,820	10,480	170	220	390	1.7%
292053	Psychiatric Technicians	1,030	940	0	30	30	-0.9%
292054	Respiratory Therapy Technicians	510	470	0	10	10	-0.8%
292055	Surgical Technologists	3,400	4,150	80	90	160	2.0%
292056	Veterinary Technologists and Technicians	1,700	2,210	50	40	100	2.7%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
292061	Licensed Practical and Licensed Vocational Nurses	25,390	30,390	500	790	1,290	1.8%
292071	Medical Records and Health Information Technicians	3,080	3,510	40	60	110	1.3%
292081	Opticians, Dispensing	860	860	0	20	20	0.0%
292091	Orthotists and Prosthetists	110	110	0	0	0	0.0%
292099	Health Technologists and Technicians, All Other	1,040	1,110	10	20	30	0.7%
299000	Other Healthcare Practitioners and Technical Occupations	3,050	3,420	40	100	140	1.2%
299011	Occupational Health and Safety Specialists	710	740	0	20	30	0.4%
299012	Occupational Health and Safety Technicians	150	160	0	10	10	0.6%
299091	Athletic Trainers	280	370	10	10	20	2.8%
299099	Healthcare Practitioners and Technical Workers, All Other	1,910	2,150	20	60	90	1.2%
310000	Healthcare Support Occupations	74,850	93,770	1,920	830	2,750	2.3%
311000	Nursing, Psychiatric, and Home Health Aides	45,390	58,930	1,350	450	1,810	2.6%
311011	Home Health Aides	13,700	21,800	810	140	950	4.8%
311012	Nursing Aides, Orderlies, and Attendants	30,710	35,800	510	310	820	1.5%
311013	Psychiatric Aides	980	1,330	40	10	50	3.1%
312000	Occupational and Physical Therapist Assistants and Aides	3,150	3,900	80	50	120	2.2%
312011	Occupational Therapist Assistants	560	700	10	10	20	2.3%
312012	Occupational Therapist Aides	190	230	0	0	10	1.9%
312021	Physical Therapist Assistants	1,490	1,880	40	20	60	2.4%
312022	Physical Therapist Aides	910	1,100	20	10	30	1.9%
319000	Other Healthcare Support Occupations	26,310	30,950	490	340	830	1.6%
319011	Massage Therapists	1,510	1,640	10	20	30	0.8%
319091	Dental Assistants	5,180	6,590	140	100	240	2.4%
319092	Medical Assistants	10,230	12,970	270	110	390	2.4%
319093	Medical Equipment Preparers	540	560	0	10	10	0.4%
319094	Medical Transcriptionists	2,300	2,370	10	30	30	0.3%
319095	Pharmacy Aides	1,760	1,510	0	20	20	-1.5%
319096	Veterinary Assistants and Laboratory Animal Caretakers	1,600	1,880	30	20	50	1.6%
319099	Healthcare Support Workers, All Other	3,190	3,430	20	40	60	0.7%
330000	Protective Service Occupations	66,010	72,340	630	1,770	2,400	0.9%
331000	First-Line Supervisors/Managers, Protective Service Workers	3,680	3,930	30	160	180	0.7%
331011	First-Line Supervisors/Managers of Correctional Officers	620	660	0	20	30	0.6%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
331012	First-Line Supervisors/Managers of Police and Detectives	1,330	1,430	10	60	70	0.7%
331021	First-Line Supervisors/Managers of Fire Fighting and Prevent	1,020	1,120	10	50	60	0.9%
331099	First-Line Supervisors/Managers, Protective Service Workers,	720	730	0	30	30	0.1%
332000	Fire Fighting and Prevention Workers	5,660	6,760	110	170	280	1.8%
332011	Fire Fighters	5,350	6,410	110	160	270	1.8%
332021	Fire Inspectors and Investigators	240	260	0	10	10	0.8%
332022	Forest Fire Inspectors and Prevention Specialists	80	90	0	0	0	1.2%
333000	Law Enforcement Workers	26,120	28,370	220	630	850	0.8%
333011	Bailiffs	250	280	0	10	10	1.1%
333012	Correctional Officers and Jailers	10,220	11,080	90	230	310	0.8%
333021	Detectives and Criminal Investigators	1,800	1,860	10	40	40	0.3%
333031	Fish and Game Wardens	450	470	0	10	10	0.4%
333041	Parking Enforcement Workers	150	150	0	0	0	0.0%
333051	Police and Sheriff's Patrol Officers	13,220	14,500	130	340	470	0.9%
333052	Transit and Railroad Police	20	30	0	0	0	4.1%
339000	Other Protective Service Workers	30,550	33,290	270	810	1,090	0.9%
339011	Animal Control Workers	370	420	0	10	10	1.3%
339021	Private Detectives and Investigators	770	890	10	20	30	1.5%
339031	Gaming Surveillance Officers and Gaming Investigators	30	30	0	0	0	0.0%
339032	Security Guards	23,930	25,850	190	490	680	0.8%
339091	Crossing Guards	1,890	2,170	30	50	80	1.4%
339092	Lifeguards, Ski Patrol, and Other Recreational Protective Se	1,700	1,880	20	120	130	1.0%
339099	Protective Service Workers, All Other	1,870	2,060	20	130	150	1.0%
350000	Food Preparation and Serving Related Occupations	238,590	259,660	2,130	8,130	10,260	0.8%
351000	Supervisors, Food Preparation and Serving Workers	19,700	20,880	120	190	310	0.6%
351011	Chefs and Head Cooks	1,490	1,530	0	20	20	0.3%
351012	First-Line Supervisors/Managers of Food Preparation and Serv	18,210	19,350	110	170	290	0.6%
352000	Cooks and Food Preparation Workers	65,580	69,880	440	1,850	2,290	0.6%
352011	Cooks, Fast Food	11,420	11,970	60	290	350	0.5%
352012	Cooks, Institution and Cafeteria	14,330	15,370	100	370	470	0.7%
352013	Cooks, Private Household	100	80	0	0	0	-2.2%
352014	Cooks, Restaurant	19,240	21,300	210	490	700	1.0%
352015	Cooks, Short Order	3,640	3,540	0	90	90	-0.3%
352019	Cooks, All Other	220	260	0	10	10	1.7%
352021	Food Preparation Workers	16,630	17,360	70	600	670	0.4%
353000	Food and Beverage Serving Workers	128,630	141,280	1,270	4,830	6,090	0.9%
353011	Bartenders	5,660	6,110	50	200	250	0.8%

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Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
353021	Combined Food Preparation and Serving Workers, Including Fas	64,590	71,850	730	1,370	2,100	1.1%
353022	Counter Attendants, Cafeteria, Food Concession, and Coffee S	5,120	5,400	30	380	400	0.5%
353031	Waiters and Waitresses	51,640	56,170	450	2,850	3,300	0.8%
353041	Food Servers, Nonrestaurant	1,620	1,760	10	30	40	0.8%
359000	Other Food Preparation and Serving Related Workers	24,680	27,620	300	1,270	1,570	1.1%
359011	Dining Room and Cafeteria Attendants and Bartender Helpers	6,430	7,040	60	280	340	0.9%
359021	Dishwashers	8,770	10,270	150	360	510	1.6%
359031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	8,140	9,040	90	570	660	1.1%
359099	Food Preparation and Serving Related Workers, All Other	1,340	1,280	0	70	70	-0.5%
370000	Building and Grounds Cleaning and Maintenance Occupations	112,390	110,540	120	1,880	2,000	-0.2%
371000	Supervisors, Building and Grounds Cleaning and Maintenance W	10,060	10,120	20	110	130	0.1%
371011	First-Line Supervisors/Managers of Housekeeping and Janitori	5,530	5,420	0	60	60	-0.2%
371012	First-Line Supervisors/Managers of Landscaping, Lawn Service	4,530	4,710	20	50	70	0.4%
372000	Building Cleaning and Pest Control Workers	79,250	76,320	0	1,500	1,500	-0.4%
372011	Janitors and Cleaners, Except Maids and Housekeeping Cleaner	43,170	41,160	0	820	820	-0.5%
372012	Maids and Housekeeping Cleaners	33,800	33,090	0	610	610	-0.2%
372019	Building Cleaning Workers, All Other	290	260	0	10	10	-1.1%
372021	Pest Control Workers	2,000	1,810	0	70	70	-1.0%
373000	Grounds Maintenance Workers	23,080	24,100	100	280	380	0.4%
373011	Landscaping and Groundskeeping Workers	20,150	21,080	90	240	340	0.5%
373012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	400	400	0	10	10	0.0%
373013	Tree Trimmers and Pruners	2,230	2,290	10	30	30	0.3%
373019	Grounds Maintenance Workers, All Other	290	330	0	0	10	1.3%
390000	Personal Care and Service Occupations	84,900	96,500	1,170	2,200	3,370	1.3%
391000	Supervisors, Personal Care and Service Workers	3,020	3,520	50	80	130	1.5%
391011	Gaming Supervisors	70	80	0	0	0	1.3%
391012	Slot Key Persons	10	10	0	0	0	0.0%
391021	First-Line Supervisors/Managers of Personal Service Workers	2,940	3,430	50	80	130	1.6%
392000	Animal Care and Service Workers	3,160	3,610	50	70	110	1.3%

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				Growth	Replacements	Total Openings	
392011	Animal Trainers	570	680	10	10	20	1.8%
392021	Nonfarm Animal Caretakers	2,600	2,940	30	60	90	1.2%
393000	Entertainment Attendants and Related Workers	8,040	9,060	100	450	550	1.2%
393021	Motion Picture Projectionists	310	330	0	10	20	0.6%
393031	Ushers, Lobby Attendants, and Ticket Takers	2,660	3,130	50	170	220	1.6%
393091	Amusement and Recreation Attendants	3,590	3,970	40	190	220	1.0%
393092	Costume Attendants	10	20	0	0	0	7.2%
393093	Locker Room, Coatroom, and Dressing Room Attendants	150	180	0	10	10	1.8%
393099	Entertainment Attendants and Related Workers, All Other	1,320	1,440	10	70	80	0.9%
394000	Funeral Service Workers	1,130	1,360	20	50	80	1.9%
394011	Embalmers	120	120	0	10	10	0.0%
394021	Funeral Attendants	1,010	1,240	20	50	70	2.1%
395000	Personal Appearance Workers	11,570	12,010	50	170	220	0.4%
395011	Barbers	100	100	0	0	0	0.0%
395012	Hairdressers, Hairstylists, and Cosmetologists	10,220	10,540	30	150	180	0.3%
395091	Makeup Artists, Theatrical and Performance	10	10	0	0	0	0.0%
395092	Manicurists and Pedicurists	610	660	10	10	10	0.8%
395093	Shampooers	200	190	0	0	0	-0.5%
395094	Skin Care Specialists	440	520	10	10	20	1.7%
396000	Transportation, Tourism, and Lodging Attendants	3,420	3,670	30	100	130	0.7%
396011	Baggage Porters and Bellhops	950	1,010	10	30	30	0.6%
396012	Concierges	350	400	10	10	10	1.3%
396021	Tour Guides and Escorts	770	930	20	30	50	1.9%
396022	Travel Guides	50	30	0	0	0	-5.0%
396031	Flight Attendants	1,090	1,050	0	30	30	-0.4%
396032	Transportation Attendants, Except Flight Attendants and Baggage	210	250	0	10	10	1.8%
399000	Other Personal Care and Service Workers	54,550	63,280	870	1,290	2,160	1.5%
399011	Child Care Workers	28,370	29,400	100	830	930	0.4%
399021	Personal and Home Care Aides	14,070	18,950	490	180	660	3.0%
399031	Fitness Trainers and Aerobics Instructors	3,310	4,350	100	60	160	2.8%
399032	Recreation Workers	3,940	4,770	80	70	150	1.9%
399041	Residential Advisors	3,320	4,050	70	120	190	2.0%
399099	Personal Care and Service Workers, All Other	1,560	1,770	20	40	60	1.3%
410000	Sales and Related Occupations	303,850	312,660	1,110	9,070	10,180	0.3%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
411000	Supervisors, Sales Workers	50,730	51,280	60	1,080	1,140	0.1%
411011	First-Line Supervisors/Managers of Retail Sales Workers	40,650	41,170	50	870	920	0.1%
411012	First-Line Supervisors/Managers of Non-Retail Sales Workers	10,080	10,110	0	210	210	0.0%
412000	Retail Sales Workers	174,650	180,660	690	6,190	6,880	0.3%
412011	Cashiers	75,270	74,980	0	3,380	3,380	0.0%
412012	Gaming Change Persons and Booth Cashiers	20	20	0	0	0	0.0%
412021	Counter and Rental Clerks	8,950	8,640	0	240	240	-0.4%
412022	Parts Salespersons	6,200	5,890	0	220	220	-0.5%
412031	Retail Salespersons	84,220	91,130	690	2,350	3,040	0.8%
413000	Sales Representatives, Services	23,890	25,110	150	570	720	0.5%
413011	Advertising Sales Agents	2,260	2,400	10	50	60	0.6%
413021	Insurance Sales Agents	7,630	8,050	40	180	220	0.5%
413031	Securities, Commodities, and Financial Services Sales Agents	3,110	3,380	30	100	120	0.8%
413041	Travel Agents	900	620	0	10	10	-3.7%
413099	Sales Representatives, Services, All Other	9,990	10,660	70	250	320	0.7%
414000	Sales Representatives, Wholesale and Manufacturing	31,860	32,660	110	740	840	0.2%
414011	Sales Representatives, Wholesale and Manufacturing, Technica	9,600	10,660	110	220	330	1.1%
414012	Sales Representatives, Wholesale and Manufacturing, Except T	22,260	22,000	0	520	520	-0.1%
419000	Other Sales and Related Workers	22,710	22,960	110	490	600	0.1%
419011	Demonstrators and Product Promoters	1,560	1,500	0	50	50	-0.4%
419012	Models	30	30	0	0	0	0.0%
419021	Real Estate Brokers	2,290	2,440	20	40	50	0.6%
419022	Real Estate Sales Agents	3,820	4,130	30	60	90	0.8%
419031	Sales Engineers	990	1,050	10	40	40	0.6%
419041	Telemarketers	3,730	3,220	0	90	90	-1.5%
419091	Door-To-Door Sales Workers, News and Street Vendors, and Rel	3,170	2,920	0	60	60	-0.8%
419099	Sales and Related Workers, All Other	7,120	7,690	60	160	220	0.8%
430000	Office and Administrative Support Occupations	480,930	505,540	3,560	10,120	13,680	0.5%
431000	Supervisors, Office and Administrative Support Workers	33,130	36,070	290	750	1,040	0.9%
431011	First-Line Supervisors/Managers of Office and Administrative	33,130	36,070	290	750	1,040	0.9%
432000	Communications Equipment Operators	4,070	3,490	0	80	80	-1.5%

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Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
432011	Switchboard Operators, Including Answering Service	3,710	3,160	0	80	80	-1.6%
432021	Telephone Operators	300	290	0	10	10	-0.3%
432099	Communications Equipment Operators, All Other	50	50	0	0	0	0.0%
433000	Financial Clerks	73,480	77,680	580	1,440	2,010	0.6%
433011	Bill and Account Collectors	11,070	12,920	190	210	390	1.6%
433021	Billing and Posting Clerks and Machine Operators	11,130	12,600	150	180	330	1.2%
433031	Bookkeeping, Accounting, and Auditing Clerks	33,830	36,300	250	410	650	0.7%
433041	Gaming Cage Workers	10	10	0	0	0	0.0%
433051	Payroll and Timekeeping Clerks	3,820	3,390	0	90	90	-1.2%
433061	Procurement Clerks	1,310	1,270	0	40	40	-0.3%
433071	Tellers	12,310	11,180	0	510	510	-1.0%
434000	Information and Record Clerks	113,540	124,820	1,320	3,330	4,650	1.0%
434011	Brokerage Clerks	680	670	0	20	20	-0.1%
434021	Correspondence Clerks	390	360	0	10	10	-0.8%
434031	Court, Municipal, and License Clerks	1,890	2,090	20	50	70	1.0%
434041	Credit Authorizers, Checkers, and Clerks	1,360	1,390	0	40	40	0.2%
434051	Customer Service Representatives	55,110	63,610	850	1,730	2,580	1.4%
434061	Eligibility Interviewers, Government Programs	4,630	4,710	10	110	120	0.2%
434071	File Clerks	2,870	2,190	0	70	70	-2.7%
434081	Hotel, Motel, and Resort Desk Clerks	5,550	6,720	120	190	310	1.9%
434111	Interviewers, Except Eligibility and Loan	4,680	5,220	50	110	170	1.1%
434121	Library Assistants, Clerical	1,440	1,590	20	60	80	1.0%
434131	Loan Interviewers and Clerks	3,270	3,570	30	80	110	0.9%
434141	New Accounts Clerks	1,190	1,010	0	30	30	-1.6%
434151	Order Clerks	4,270	3,830	0	120	120	-1.1%
434161	Human Resources Assistants, Except Payroll and Timekeeping	3,920	3,510	0	110	110	-1.1%
434171	Receptionists and Information Clerks	19,050	21,240	220	510	730	1.1%
434181	Reservation and Transportation Ticket Agents and Travel Cler	2,020	2,040	0	50	50	0.1%
434199	Information and Record Clerks, All Other	1,200	1,070	0	30	30	-1.1%
435000	Material Recording, Scheduling, Dispatching, and Distributin	93,210	91,790	270	2,200	2,470	-0.2%
435011	Cargo and Freight Agents	1,760	1,860	10	40	50	0.6%
435021	Couriers and Messengers	1,780	1,780	0	40	40	0.0%
435031	Police, Fire, and Ambulance Dispatchers	2,750	3,290	60	60	110	1.8%

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Standard Occupational Code	Occupation	Base 2008	Proje- ction 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
435032	Dispatchers, Except Police, Fire, and Ambulance	4,420	4,090	0	90	90	-0.8%
435041	Meter Readers, Utilities	1,550	1,370	0	40	40	-1.2%
435051	Postal Service Clerks	1,390	1,170	0	30	30	-1.7%
435052	Postal Service Mail Carriers	6,950	7,080	10	220	230	0.2%
435053	Postal Service Mail Sorters, Processors, and Processing Mach	3,340	2,400	0	30	30	-3.3%
435061	Production, Planning, and Expediting Clerks	5,930	5,760	0	150	150	-0.3%
435071	Shipping, Receiving, and Traffic Clerks	19,750	17,690	0	490	490	-1.1%
435081	Stock Clerks and Order Fillers	42,270	44,160	190	970	1,160	0.4%
435111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,320	1,140	0	50	50	-1.5%
436000	Secretaries and Administrative Assistants	76,280	80,880	460	1,030	1,490	0.6%
436011	Executive Secretaries and Administrative Assistants	30,080	32,780	270	410	670	0.9%
436012	Legal Secretaries	2,710	3,060	40	40	70	1.2%
436013	Medical Secretaries	5,720	6,830	110	80	190	1.8%
436014	Secretaries, Except Legal, Medical, and Executive	37,770	38,220	40	510	550	0.1%
439000	Other Office and Administrative Support Workers	87,230	90,800	640	1,290	1,930	0.4%
439011	Computer Operators	2,550	1,800	0	30	30	-3.4%
439021	Data Entry Keyers	6,390	5,790	0	130	130	-1.0%
439022	Word Processors and Typists	920	840	0	10	10	-0.9%
439031	Desktop Publishers	590	490	0	10	10	-1.8%
439041	Insurance Claims and Policy Processing Clerks	4,070	3,850	0	50	50	-0.6%
439051	Mail Clerks and Mail Machine Operators, Except Postal Servic	2,180	2,020	0	40	40	-0.8%
439061	Office Clerks, General	65,400	71,800	640	890	1,530	0.9%
439071	Office Machine Operators, Except Computer	1,210	1,090	0	40	40	-1.0%
439081	Proofreaders and Copy Markers	260	210	0	0	0	-2.1%
439111	Statistical Assistants	190	210	0	0	0	1.0%
439199	Office and Administrative Support Workers, All Other	3,470	2,700	0	80	80	-2.5%
450000	Farming, Fishing, and Forestry Occupations	27,000	30,910	430	720	1,140	1.4%
451000	Supervisors, Farming, Fishing, and Forestry Workers	1,600	2,050	50	40	90	2.5%
451011	First-Line Supervisors/Managers of Farming, Fishing, and For	1,480	1,920	40	40	80	2.6%
451012	Farm Labor Contractors	120	130	0	0	10	0.8%
452000	Agricultural Workers	23,950	27,560	380	640	1,010	1.4%

Projections for Occupations, Tennessee, 2008-2018

Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
452011	Agricultural Inspectors	450	440	0	10	10	-0.2%
452021	Animal Breeders	180	140	0	10	10	-2.5%
452041	Graders and Sorters, Agricultural Products	970	900	0	20	20	-0.7%
452090	Miscellaneous Agricultural Workers	22,360	26,090	380	600	980	1.6%
454000	Forest, Conservation, and Logging Workers	1,450	1,300	10	40	40	-1.1%
454011	Forest and Conservation Workers	400	450	10	10	20	1.2%
454021	Fallers	430	300	0	10	10	-3.5%
454022	Logging Equipment Operators	430	360	0	10	10	-1.8%
454023	Log Graders and Scalers	110	110	0	0	0	0.0%
454029	Logging Workers, All Other	90	80	0	0	0	-1.2%
470000	Construction and Extraction Occupations	131,800	132,000	430	2,320	2,750	0.0%
471000	Supervisors, Construction and Extraction Workers	11,130	11,150	0	220	220	0.0%
471011	First-Line Supervisors/Managers of Construction Trades and E	11,130	11,150	0	220	220	0.0%
472000	Construction Trades Workers	103,070	102,790	330	1,700	2,030	0.0%
472011	Boilermakers	270	290	0	10	10	0.7%
472021	Brickmasons and Blockmasons	2,030	1,890	0	50	50	-0.7%
472022	Stonemasons	190	190	0	10	10	0.0%
472031	Carpenters	14,940	13,970	0	190	190	-0.7%
472041	Carpet Installers	410	330	0	10	10	-2.1%
472042	Floor Layers, Except Carpet, Wood, and Hard Tiles	240	200	0	10	10	-1.8%
472043	Floor Sanders and Finishers	410	380	0	10	10	-0.8%
472044	Tile and Marble Setters	1,030	960	0	30	30	-0.7%
472051	Cement Masons and Concrete Finishers	3,440	3,450	0	90	90	0.0%
472053	Terrazzo Workers and Finishers	210	200	0	10	10	-0.5%
472061	Construction Laborers	26,290	28,290	200	180	380	0.7%
472071	Paving, Surfacing, and Tamping Equipment Operators	1,650	1,770	10	30	40	0.7%
472072	Pile-Driver Operators	80	70	0	0	0	-1.3%
472073	Operating Engineers and Other Construction Equipment Operato	6,810	7,600	80	120	200	1.1%
472081	Drywall and Ceiling Tile Installers	1,030	990	0	10	10	-0.4%
472082	Tapers	260	240	0	0	0	-0.8%
472111	Electricians	14,780	14,080	0	360	360	-0.5%
472121	Glaziers	1,850	1,810	0	70	70	-0.2%
472131	Insulation Workers, Floor, Ceiling, and Wall	1,430	1,290	0	50	50	-1.0%
472132	Insulation Workers, Mechanical	470	430	0	20	20	-0.9%
472141	Painters, Construction and Maintenance	5,530	5,150	0	100	100	-0.7%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
472142	Paperhangers	30	20	0	0	0	-4.0%
472151	Pipelayers	2,720	3,030	30	60	90	1.1%
472152	Plumbers, Pipefitters, and Steamfitters	8,830	8,510	0	180	180	-0.4%
472161	Plasterers and Stucco Masons	460	420	0	10	10	-0.9%
472171	Reinforcing Iron and Rebar Workers	180	170	0	0	0	-0.6%
472181	Roofers	2,790	2,510	0	50	50	-1.1%
472211	Sheet Metal Workers	3,590	3,460	0	90	90	-0.4%
472221	Structural Iron and Steel Workers	1,150	1,100	0	20	20	-0.4%
473000	Helpers, Construction Trades	7,470	7,510	20	160	180	0.1%
473011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and	1,020	990	0	20	20	-0.3%
473012	Helpers--Carpenters	1,390	1,470	10	30	40	0.6%
473013	Helpers--Electricians	2,250	2,310	10	50	50	0.3%
473014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Maso	360	280	0	10	10	-2.5%
473015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	1,550	1,620	10	30	40	0.4%
473016	Helpers--Roofers	410	310	0	10	10	-2.8%
473019	Helpers, Construction Trades, All Other	490	530	0	10	10	0.8%
474000	Other Construction and Related Workers	8,800	9,510	80	220	300	0.8%
474011	Construction and Building Inspectors	1,400	1,500	10	30	40	0.7%
474021	Elevator Installers and Repairers	780	700	0	20	20	-1.1%
474031	Fence Erectors	540	690	20	10	20	2.5%
474041	Hazardous Materials Removal Workers	920	1,060	10	30	40	1.4%
474051	Highway Maintenance Workers	4,150	4,500	40	110	150	0.8%
474061	Rail-Track Laying and Maintenance Equipment Operators	130	130	0	0	0	0.0%
474071	Septic Tank Servicers and Sewer Pipe Cleaners	550	590	0	20	20	0.7%
474091	Segmental Pavers	10	10	0	0	0	0.0%
474099	Construction and Related Workers, All Other	300	340	0	10	10	1.3%
475000	Extraction Workers	1,330	1,040	0	20	20	-2.4%
475011	Derrick Operators, Oil and Gas	0	0	0	0	0	NA
475012	Rotary Drill Operators, Oil and Gas	50	50	0	0	0	0.0%
475013	Service Unit Operators, Oil, Gas, and Mining	90	80	0	0	0	-1.2%
475021	Earth Drillers, Except Oil and Gas	300	280	0	10	10	-0.7%
475031	Explosives Workers, Ordnance Handling Experts, and Blasters	180	180	0	0	0	0.0%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
475041	Continuous Mining Machine Operators	70	60	0	0	0	-1.5%
475042	Mine Cutting and Channeling Machine Operators	110	40	0	0	0	-9.6%
475049	Mining Machine Operators, All Other	140	40	0	0	0	-11.8%
475051	Rock Splitters, Quarry	100	80	0	0	0	-2.2%
475061	Roof Bolters, Mining	NA	NA	NA	NA	NA	NA
475071	Roustabouts, Oil and Gas	NA	NA	NA	NA	NA	NA
475081	Helpers--Extraction Workers	220	170	0	0	0	-2.5%
475099	Extraction Workers, All Other	80	60	0	0	0	-2.8%
490000	Installation, Maintenance, and Repair Occupations	128,990	130,510	560	2,550	3,110	0.1%
491000	Supervisors of Installation, Maintenance, and Repair Workers	10,420	10,260	0	270	270	-0.2%
491011	First-Line Supervisors/Managers of Mechanics, Installers, and	10,420	10,260	0	270	270	-0.2%
492000	Electrical and Electronic Equipment Mechanics, Installers, and	13,180	12,890	60	240	300	-0.2%
492011	Computer, Automated Teller, and Office Machine Repairers	2,390	2,340	0	40	40	-0.2%
492021	Radio Mechanics	50	60	0	0	0	1.8%
492022	Telecommunications Equipment Installers and Repairers, Except	4,260	3,720	0	80	80	-1.3%
492091	Avionics Technicians	380	230	0	10	10	-4.9%
492092	Electric Motor, Power Tool, and Related Repairers	630	680	10	20	30	0.8%
492093	Electrical and Electronics Installers and Repairers, Transportation	730	850	10	10	30	1.5%
492094	Electrical and Electronics Repairers, Commercial and Industrial	1,960	1,770	0	30	30	-1.0%
492095	Electrical and Electronics Repairers, Powerhouse, Substation	100	110	0	0	0	1.0%
492096	Electronic Equipment Installers and Repairers, Motor Vehicle	430	480	10	10	10	1.1%
492097	Electronic Home Entertainment Equipment Installers and Repairers	750	950	20	10	30	2.4%
492098	Security and Fire Alarm Systems Installers	1,510	1,690	20	30	40	1.1%
493000	Vehicle and Mobile Equipment Mechanics, Installers	37,300	36,380	60	780	840	-0.2%
493011	Aircraft Mechanics and Service Technicians	2,700	2,420	0	50	50	-1.1%
493021	Automotive Body and Related Repairers	3,930	3,870	0	100	100	-0.2%
493022	Automotive Glass Installers and Repairers	510	530	0	10	10	0.4%

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Standard Occupational Code	Occupation	Base 2008	Projections 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replacements	Total Openings	
493023	Automotive Service Technicians and Mechanics	14,680	14,070	0	280	280	-0.4%
493031	Bus and Truck Mechanics and Diesel Engine Specialists	7,060	7,180	10	160	180	0.2%
493041	Farm Equipment Mechanics	670	730	10	10	20	0.9%
493042	Mobile Heavy Equipment Mechanics, Except Engines	2,910	3,120	20	60	80	0.7%
493043	Rail Car Repairers	300	340	0	10	10	1.3%
493051	Motorboat Mechanics	410	430	0	10	10	0.5%
493052	Motorcycle Mechanics	390	450	10	10	10	1.4%
493053	Outdoor Power Equipment and Other Small Engine Mechanics	730	640	0	20	20	-1.3%
493091	Bicycle Repairers	30	40	0	0	0	2.9%
493092	Recreational Vehicle Service Technicians	340	380	0	10	10	1.1%
493093	Tire Repairers and Changers	2,650	2,170	0	60	60	-2.0%
499000	Other Installation, Maintenance, and Repair Occupations	68,090	70,990	430	1,260	1,700	0.4%
499011	Mechanical Door Repairers	280	300	0	0	10	0.7%
499012	Control and Valve Installers and Repairers, Except Mechanical	920	970	10	10	20	0.5%
499021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	6,460	7,070	60	100	170	0.9%
499031	Home Appliance Repairers	500	490	0	10	10	-0.2%
499041	Industrial Machinery Mechanics	7,170	7,380	20	100	120	0.3%
499042	Maintenance and Repair Workers, General	33,100	35,400	230	510	740	0.7%
499043	Maintenance Workers, Machinery	1,890	1,810	0	30	30	-0.4%
499044	Millwrights	2,450	2,090	0	50	50	-1.6%
499045	Refractory Materials Repairers, Except Brickmasons	70	60	0	0	0	-1.5%
499051	Electrical Power-Line Installers and Repairers	3,760	4,510	80	130	210	1.8%
499052	Telecommunications Line Installers and Repairers	2,840	2,390	0	40	40	-1.7%
499061	Camera and Photographic Equipment Repairers	120	100	0	0	0	-1.8%
499062	Medical Equipment Repairers	770	1,010	20	20	50	2.8%
499063	Musical Instrument Repairers and Tuners	90	90	0	0	0	0.0%
499064	Watch Repairers	40	30	0	0	0	-2.8%
499069	Precision Instrument and Equipment Repairers, All Other	280	220	0	10	10	-2.4%
499091	Coin, Vending, and Amusement Machine Servicers and Repairers	1,080	660	0	40	40	-4.8%
499092	Commercial Divers	0	0	0	0	0	NA
499093	Fabric Menders, Except Garment	NA	NA	NA	NA	NA	NA

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Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
499094	Locksmiths and Safe Repairers	370	380	0	10	10	0.3%
499095	Manufactured Building and Mobile Home Installers	110	120	0	0	0	0.9%
499096	Riggers	130	140	0	0	0	0.7%
499097	Signal and Track Switch Repairers	NA	NA	NA	NA	NA	NA
499098	Helpers--Installation, Maintenance, and Repair Workers	2,920	3,030	10	140	150	0.4%
499099	Installation, Maintenance, and Repair Workers, All Other	2,760	2,730	0	40	40	-0.1%
510000	Production Occupations	291,200	266,350	410	5,750	6,160	-0.9%
511000	Supervisors, Production Workers	19,230	17,460	0	260	260	-1.0%
511011	First-Line Supervisors/Managers of Production and Operating	19,230	17,460	0	260	260	-1.0%
512000	Assemblers and Fabricators	73,280	67,550	20	1,610	1,620	-0.8%
512011	Aircraft Structure, Surfaces, Rigging, and Systems Assembler	60	50	0	0	0	-1.8%
512021	Coil Winders, Tapers, and Finishers	420	300	0	10	10	-3.3%
512022	Electrical and Electronic Equipment Assemblers	2,610	2,010	0	40	40	-2.6%
512023	Electromechanical Equipment Assemblers	2,550	1,960	0	40	40	-2.6%
512031	Engine and Other Machine Assemblers	350	360	0	10	10	0.3%
512041	Structural Metal Fabricators and Fitters	2,280	2,360	10	50	60	0.3%
512091	Fiberglass Laminators and Fabricators	1,280	1,340	10	30	40	0.5%
512092	Team Assemblers	48,400	44,840	0	1,090	1,090	-0.8%
512093	Timing Device Assemblers, Adjusters, and Calibrators	30	30	0	0	0	0.0%
512099	Assemblers and Fabricators, All Other	15,320	14,310	0	350	350	-0.7%
513000	Food Processing Workers	11,880	13,210	140	350	490	1.1%
513011	Bakers	1,970	1,910	0	50	50	-0.3%
513021	Butchers and Meat Cutters	2,310	2,300	0	70	70	0.0%
513022	Meat, Poultry, and Fish Cutters and Trimmers	3,800	4,750	100	120	220	2.3%
513023	Slaughterers and Meat Packers	320	400	10	10	20	2.3%
513091	Food and Tobacco Roasting, Baking, and Drying Machine Operat	350	360	0	10	10	0.3%
513092	Food Batchmakers	2,160	2,320	20	50	70	0.7%
513093	Food Cooking Machine Operators and Tenders	980	1,170	20	30	50	1.8%
514000	Metal Workers and Plastic Workers	57,140	49,080	20	1,130	1,150	-1.5%
514011	Computer-Controlled Machine Tool Operators, Metal and Plasti	2,250	2,230	0	40	40	-0.1%

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Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
514012	Numerical Tool and Process Control Programmers	780	610	0	20	20	-2.4%
514021	Extruding and Drawing Machine Setters, Operators, and Tender	1,780	1,540	0	40	40	-1.4%
514022	Forging Machine Setters, Operators, and Tenders, Metal and P	1,620	1,280	0	30	30	-2.3%
514023	Rolling Machine Setters, Operators, and Tenders, Metal and P	500	400	0	10	10	-2.2%
514031	Cutting, Punching, and Press Machine Setters, Operators, and	8,770	7,310	0	170	170	-1.8%
514032	Drilling and Boring Machine Tool Setters, Operators, and Ten	1,290	870	0	10	10	-3.9%
514033	Grinding, Lapping, Polishing, and Buffing Machine Tool Sette	2,560	1,860	0	40	40	-3.1%
514034	Lathe and Turning Machine Tool Setters, Operators, and Tende	1,620	1,150	0	30	30	-3.4%
514035	Milling and Planing Machine Setters, Operators, and Tenders,	490	390	0	10	10	-2.3%
514041	Machinists	11,540	9,710	0	150	150	-1.7%
514051	Metal-Refining Furnace Operators and Tenders	700	510	0	10	10	-3.1%
514052	Pourers and Casters, Metal	420	300	0	10	10	-3.3%
514061	Model Makers, Metal and Plastic	210	170	0	0	0	-2.1%
514062	Patternmakers, Metal and Plastic	60	40	0	0	0	-4.0%
514071	Foundry Mold and Coremakers	1,490	1,670	20	30	50	1.1%
514072	Molding, Coremaking, and Casting Machine Setters, Operators,	2,400	1,960	0	50	50	-2.0%
514081	Multiple Machine Tool Setters, Operators, and Tenders, Metal	2,090	1,760	0	40	40	-1.7%
514111	Tool and Die Makers	2,590	2,080	0	20	20	-2.2%
514121	Welders, Cutters, Solderers, and Brazers	10,270	9,820	0	320	320	-0.4%
514122	Welding, Soldering, and Brazing Machine Setters, Operators,	1,660	1,660	0	50	50	0.0%
514191	Heat Treating Equipment Setters, Operators, and Tenders, Met	640	540	0	30	30	-1.7%
514192	Lay-Out Workers, Metal and Plastic	60	50	0	0	0	-1.8%
514193	Plating and Coating Machine Setters, Operators, and Tenders,	550	430	0	20	20	-2.4%
514194	Tool Grinders, Filers, and Sharpeners	250	170	0	10	10	-3.8%
514199	Metal Workers and Plastic Workers, All Other	540	570	0	10	10	0.5%
515000	Printing Workers	8,540	7,050	0	150	150	-1.9%
515011	Bindery Workers	1,460	1,100	0	20	20	-2.8%
515012	Bookbinders	70	60	0	0	0	-1.5%
515021	Job Printers	680	600	0	0	0	-1.2%
515022	Prepress Technicians and Workers	1,240	970	0	20	20	-2.4%

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Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
515023	Printing Machine Operators	5,090	4,320	0	110	110	-1.6%
516000	Textile, Apparel, and Furnishings Workers	19,540	14,760	0	190	190	-2.8%
516011	Laundry and Dry-Cleaning Workers	4,180	4,060	0	70	70	-0.3%
516021	Pressers, Textile, Garment, and Related Materials	1,920	1,810	0	10	10	-0.6%
516031	Sewing Machine Operators	6,780	4,420	0	40	40	-4.2%
516041	Shoe and Leather Workers and Repairers	NA	NA	NA	NA	NA	NA
516042	Shoe Machine Operators and Tenders	NA	NA	NA	NA	NA	NA
516051	Sewers, Hand	350	300	0	0	0	-1.5%
516052	Tailors, Dressmakers, and Custom Sewers	950	940	0	10	10	-0.1%
516061	Textile Bleaching and Dyeing Machine Operators and Tenders	400	240	0	0	0	-5.0%
516062	Textile Cutting Machine Setters, Operators, and Tenders	500	320	0	10	10	-4.4%
516063	Textile Knitting and Weaving Machine Setters, Operators, and	430	390	0	0	0	-1.0%
516064	Textile Winding, Twisting, and Drawing Out Machine Setters,	1,000	440	0	20	20	-7.9%
516091	Extruding and Forming Machine Setters, Operators, and Tender	720	370	0	10	10	-6.4%
516092	Fabric and Apparel Patternmakers	180	140	0	0	0	-2.5%
516093	Upholsterers	1,540	980	0	10	10	-4.4%
516099	Textile, Apparel, and Furnishings Workers, All Other	180	150	0	0	0	-1.8%
517000	Woodworkers	7,570	5,760	10	160	170	-2.7%
517011	Cabinetmakers and Bench Carpenters	2,750	1,890	0	60	60	-3.7%
517021	Furniture Finishers	440	230	0	10	10	-6.3%
517031	Model Makers, Wood	100	60	0	0	0	-5.0%
517032	Patternmakers, Wood	10	10	0	0	0	0.0%
517041	Sawing Machine Setters, Operators, and Tenders, Wood	1,580	1,650	10	30	40	0.4%
517042	Woodworking Machine Setters, Operators, and Tenders, Except	1,820	1,330	0	40	40	-3.1%
517099	Woodworkers, All Other	880	610	0	20	20	-3.6%
518000	Plant and System Operators	5,740	6,340	80	130	210	1.0%
518011	Nuclear Power Reactor Operators	0	0	0	0	0	NA
518012	Power Distributors and Dispatchers	80	70	0	0	0	-1.3%
518013	Power Plant Operators	290	260	0	10	10	-1.1%
518021	Stationary Engineers and Boiler Operators	640	600	0	10	10	-0.6%
518031	Water and Liquid Waste Treatment Plant and System Operators	3,000	3,720	70	70	140	2.2%

Projections for Occupations, Tennessee, 2008-2018

Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
518091	Chemical Plant and System Operators	1,170	1,050	0	30	30	-1.1%
518092	Gas Plant Operators	130	120	0	0	0	-0.8%
518093	Petroleum Pump System Operators, Refinery Operators, and Gau	310	390	10	10	20	2.3%
518099	Plant and System Operators, All Other	130	120	0	0	0	-0.8%
519000	Other Production Occupations	88,290	85,140	150	1,780	1,930	-0.4%
519011	Chemical Equipment Operators and Tenders	1,420	1,310	0	10	10	-0.8%
519012	Separating, Filtering, Clarifying, Precipitating, and Still	740	850	10	10	20	1.4%
519021	Crushing, Grinding, and Polishing Machine Setters, Operators	710	530	0	10	10	-2.9%
519022	Grinding and Polishing Workers, Hand	1,290	1,170	0	20	20	-1.0%
519023	Mixing and Blending Machine Setters, Operators, and Tenders	3,840	4,350	50	70	120	1.3%
519031	Cutters and Trimmers, Hand	760	550	0	20	20	-3.2%
519032	Cutting and Slicing Machine Setters, Operators, and Tenders	2,780	2,360	0	60	60	-1.6%
519041	Extruding, Forming, Pressing, and Compacting Machine Setters	4,010	4,330	30	80	120	0.8%
519051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	1,390	1,130	0	10	10	-2.0%
519061	Inspectors, Testers, Sorters, Samplers, and Weighers	11,790	11,010	0	200	200	-0.7%
519071	Jewelers and Precious Stone and Metal Workers	640	530	0	10	10	-1.9%
519081	Dental Laboratory Technicians	820	950	10	20	30	1.5%
519082	Medical Appliance Technicians	240	260	0	10	10	0.8%
519083	Ophthalmic Laboratory Technicians	840	870	0	20	20	0.4%
519111	Packaging and Filling Machine Operators and Tenders	9,310	9,610	30	160	190	0.3%
519121	Coating, Painting, and Spraying Machine Setters, Operators,	2,700	2,340	0	70	70	-1.4%
519122	Painters, Transportation Equipment	1,350	1,070	0	40	40	-2.3%
519123	Painting, Coating, and Decorating Workers	760	690	0	20	20	-1.0%
519131	Photographic Process Workers	660	620	0	20	20	-0.6%
519132	Photographic Processing Machine Operators	1,340	930	0	30	30	-3.6%
519191	Cementing and Gluing Machine Operators and Tenders	830	650	0	20	20	-2.4%
519192	Cleaning, Washing, and Metal Pickling Equipment Operators an	340	310	0	10	10	-0.9%
519193	Cooling and Freezing Equipment Operators and Tenders	120	130	0	0	0	0.8%

Projections for Occupations, Tennessee, 2008-2018

Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
519194	Etchers and Engravers	180	160	0	0	0	-1.2%
519195	Molders, Shapers, and Casters, Except Metal and Plastic	2,270	2,190	0	110	110	-0.4%
519196	Paper Goods Machine Setters, Operators, and Tenders	2,400	1,760	0	50	50	-3.1%
519197	Tire Builders	1,890	1,940	0	70	70	0.3%
519198	Helpers--Production Workers	19,110	18,840	0	330	330	-0.1%
519199	Production Workers, All Other	13,760	13,700	0	320	320	0.0%
530000	Transportation and Material Moving Occupations	270,220	276,300	1,070	6,550	7,620	0.2%
531000	Supervisors, Transportation and Material Moving Workers	10,580	10,230	10	180	200	-0.3%
531011	Aircraft Cargo Handling Supervisors	100	100	0	0	0	0.0%
531021	First-Line Supervisors/Managers of Helpers, Laborers, and Ma	5,130	5,240	10	90	100	0.2%
531031	First-Line Supervisors/Managers of Transportation and Materi	5,360	4,890	0	90	90	-0.9%
532000	Air Transportation Workers	2,560	2,550	10	90	100	0.0%
532011	Airline Pilots, Copilots, and Flight Engineers	1,140	1,100	0	40	40	-0.4%
532012	Commercial Pilots	350	480	10	10	30	3.2%
532021	Air Traffic Controllers	1,010	900	0	30	30	-1.1%
532022	Airfield Operations Specialists	60	60	0	0	0	0.0%
533000	Motor Vehicle Operators	113,400	121,350	900	2,020	2,920	0.7%
533011	Ambulance Drivers and Attendants, Except Emergency Medical T	910	1,090	20	20	30	1.8%
533021	Bus Drivers, Transit and Intercity	3,100	3,550	50	50	100	1.4%
533022	Bus Drivers, School	8,990	9,400	40	160	200	0.4%
533031	Driver/Sales Workers	10,850	10,440	0	190	190	-0.4%
533032	Truck Drivers, Heavy and Tractor-Trailer	64,770	72,460	770	1,160	1,930	1.1%
533033	Truck Drivers, Light or Delivery Services	21,250	20,710	0	380	380	-0.3%
533041	Taxi Drivers and Chauffeurs	2,610	2,820	20	50	70	0.8%
533099	Motor Vehicle Operators, All Other	940	890	0	20	20	-0.5%
534000	Rail Transportation Workers	2,760	3,010	30	90	120	0.9%
534011	Locomotive Engineers	NA	NA	NA	NA	NA	NA
534012	Locomotive Firers	NA	NA	NA	NA	NA	NA
534013	Rail Yard Engineers, Dinkey Operators, and Hostlers	NA	NA	NA	NA	NA	NA
534021	Railroad Brake, Signal, and Switch Operators	670	750	10	20	30	1.1%
534031	Railroad Conductors and Yardmasters	NA	NA	NA	NA	NA	NA
534041	Subway and Streetcar Operators	10	10	0	0	0	0.0%
534099	Rail Transportation Workers, All Other	NA	NA	NA	NA	NA	NA

Projections for Occupations, Tennessee, 2008-2018

Standard Occupational Code	Occupation	Base 2008	Proje- tion 2018	Annual Openings Due To			Annual Percent Change
				Growth	Replaces	Total Openings	
535000	Water Transportation Workers	2,170	2,400	20	90	120	1.0%
535011	Sailors and Marine Oilers	780	870	10	30	40	1.1%
	Captains, Mates, and Pilots of Water						
535021	Vessels	1,000	1,100	10	40	50	1.0%
535022	Motorboat Operators	10	10	0	0	0	0.0%
535031	Ship Engineers	380	430	10	20	20	1.2%
536000	Other Transportation Workers	5,730	5,760	10	200	220	0.1%
536011	Bridge and Lock Tenders	50	50	0	0	0	0.0%
536021	Parking Lot Attendants	2,000	2,000	0	70	70	0.0%
536031	Service Station Attendants	730	640	0	30	30	-1.3%
536041	Traffic Technicians	870	940	10	30	40	0.8%
536051	Transportation Inspectors	470	500	0	10	10	0.6%
536099	Transportation Workers, All Other	1,600	1,630	0	60	60	0.2%
537000	Material Moving Workers	133,030	131,000	90	3,870	3,960	-0.2%
537011	Conveyor Operators and Tenders	2,760	2,190	0	80	80	-2.3%
537021	Crane and Tower Operators	640	570	0	20	20	-1.2%
537031	Dredge Operators	60	60	0	0	0	0.0%
	Excavating and Loading Machine and						
537032	Dragline Operators	1,310	1,470	20	40	50	1.2%
	Loading Machine Operators, Underground						
537033	Mining	60	40	0	0	0	-4.0%
537051	Industrial Truck and Tractor Operators	17,890	17,960	10	530	540	0.0%
537061	Cleaners of Vehicles and Equipment	6,250	6,050	0	220	220	-0.3%
	Laborers and Freight, Stock, and Material						
537062	Movers, Hand	79,110	79,310	20	2,550	2,570	0.0%
537063	Machine Feeders and Offbearers	3,230	2,300	0	40	40	-3.3%
537064	Packers and Packagers, Hand	16,180	15,350	0	270	270	-0.5%
	Gas Compressor and Gas Pumping						
537071	Station Operators	20	20	0	0	0	0.0%
	Pump Operators, Except Wellhead						
537072	Pumpers	190	170	0	10	10	-1.1%
537073	Wellhead Pumpers	NA	NA	NA	NA	NA	NA
	Refuse and Recyclable Material						
537081	Collectors	3,080	3,560	50	90	140	1.5%
537111	Shuttle Car Operators	NA	NA	NA	NA	NA	NA
537121	Tank Car, Truck, and Ship Loaders	380	350	0	10	10	-0.8%
537199	Material Moving Workers, All Other	1,870	1,610	0	20	20	-1.5%